

## ASSIGNMENT OF APPLICATION

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) Carl William Riley and Keith Adam Huster  
of Inventor(s)

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application HOSPITAL BED OBSTACLE DETECTION DEVICE AND METHOD

Date of signing of Application by each Inventor Which has been executed by the undersigned on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

Application Information For which an application for a United States Patent was filed April 19, 2002  
Application Serial Number: 60/373,819  
the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Hill-Rom Services, Inc.

Address of principal place of business 300 Delaware Avenue, Suite 530  
Wilmington, Delaware 19801

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Delaware

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Applications, including all priority rights for other countries arising therefrom, all inventions therein disclosed, any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the Applications or such Letters Patent, and any reexamination of the Applications or such Letters Patent, and any foreign patents or patent applications corresponding thereto, all such inventions and all rights in such Applications and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Applications or continuation, division, reissue or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such Interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said Applications or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN  
this 25 day of July, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Carl William Riley  
Inventor (Signature)

Carl William Riley  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 25 day of July, 2002.

Elaine Kessen  
Notary Public  
ELAINE KESSEN  
Printed Name

My Commission Expires: 2-27-09 Resident of Deauro County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN  
this 11 day of June, 2002.

Outside the USA-  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

Witness

Witness

Keith A. Huster  
Inventor (Signature)

Keith Adam Huster  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11<sup>th</sup> day of June, 2002.

Elaine Kessen  
Notary Public  
EIAINE KESSEN  
Printed Name

My Commission Expires: 2-27-09 Resident of DEARBORN County.

405151\_1.DOC

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

## ASSIGNMENT OF APPLICATION

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Douglas J. Menkedick, David A. Albersmeyer, Nicholas C. Batta, Kenith W. Chambers,  
Steve A. Dixon, Brent Goodwin, Greg Figel, James K. Findlay, Brian J. Hoffman,  
David W. Hornbach, Kenneth L. Kramer, Eric R. Meyer, Eugene E. Osborne,  
Roger S. Philbeck, Terry L. Richter, Steven J. Schwartz, Joshua W. Shenk,  
Andrew F. Skinner, James R. Stolpmann, Glenn C. Suttman, Irvin J. Vanderpohl III,  
Paul R. Weil, Jeffrey R. Welling, Jack Wilker, Jr., Robert M. Zerhusen, Aziz Ali Bhai,  
Tom Riggs, and Matthew R. Knue *Aziz mgh 1-3-03*

maker(s) of an invention which is the subject of a provisional application for Letters Patent of the United States ("Application") entitled

Title of Application HOSPITAL BED

Date of signing of Application by each Inventor Which has been executed by the undersigned on \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

Application Information For which a provisional application for a United States Design Patent was filed September 6, 2002,  
Application Serial Number: 60/408,698

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Hill-Rom Services, Inc.

Address of principal place of business 300 Delaware Avenue, Suite 530  
Wilmington, Delaware 19801

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Delaware

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the Application or such Letters Patent, and any reexamination of the Application or such Letters Patent, and any foreign patents or patent applications corresponding thereto, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such Interference or litigation.

This Copy Is Provided For  
37 CFR 3.73 (b)  
- 1 -  
Purposes Only--DO NOT RECORD

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

[Signature]  
Inventor (Signature)

Douglas J. Menkedick  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD  
-2-

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, INDIANA  
this 6 day of DECEMBER 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_

David A. Albersmeyer  
Inventor (Signature)

David A. Albersmeyer  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 6<sup>th</sup> day of December, 2002.

Beverly J. Lamping  
Notary Public  
Beverly J. Lamping  
Printed Name

My Commission Expires: 12-12-07 Resident of Franklin County.

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 11<sup>th</sup> day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_

Nicholas C. Batta  
Inventor (Signature)  
Nicholas C. Batta  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville IN.  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_

Kenith W. Chambers  
Inventor (Signature)

Kenith W. Chambers  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD



IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Steve A. Dixon  
Inventor (Signature)

Steve A. Dixon  
Inventor (Printed Name)

**ACKNOWLEDGMENT**

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN  
this 9 day of DEC, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Brent E. Goodwin  
Inventor (Signature)

Brent Goodwin  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 9th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN.  
this 11 day of DEC, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

[Signature]  
Inventor (Signature)

Greg Figel  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

[Signature]  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN  
this 9 day of DECEMBER, 2002.

Outside the USA:

Witnesses are \_\_\_\_\_  
required when

acknowledgment

before a Notary

Public is not \_\_\_\_\_  
feasible. Witness

James K. Findlay  
Inventor (Signature)

James K. Findlay

Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 9 day of December, 2002.

Beverly J. Lamping  
Notary Public  
Beverly J. Lamping  
Printed Name

My Commission Expires: 12-12-07 Resident of Franklin County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN  
this 9 day of DECEMBER 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Brian J. Hoffman  
Inventor (Signature)

Brian J. Hoffman  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Boyle ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 9th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-02. Resident of Boyle County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE IN  
this 16 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

David W. Hornbach  
Inventor (Signature)

David W. Hornbach  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 16th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN  
this 16th day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Kenneth L. Kramer  
Inventor (Signature)

Kenneth L. Kramer  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 16th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Eric R. Meyer  
Inventor (Signature)

Eric R. Meyer  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD



IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, INDIANA  
this 11 day of DECEMBER 2002.

Outside the USA:

Witnesses are \_\_\_\_\_  
required when

acknowledgment

before a Notary

Public is not \_\_\_\_\_  
feasible. Witness

Eugene E Osborne  
Inventor (Signature)

Eugene E. Osborne  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, INDIANA  
this 6 day of DECEMBER, 2002.

Outside the USA:  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

Witness

Witness

Roger S. Philbeck  
Inventor (Signature)

Roger S. Philbeck  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 6<sup>th</sup> day of December, 2002.

Beverly J. Lamping  
Notary Public  
Beverly J. Lamping  
Printed Name

My Commission Expires: 12-12-07 Resident of Franklin County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

Terry Richter  
Inventor (Signature)

Terry L. Richter  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville In.  
this 10 day of DECEMBER, 2002.

Outside the USA:

Witnesses are \_\_\_\_\_  
required when

acknowledgment

before a Notary

Public is not \_\_\_\_\_  
feasible. Witness

Steven J. Schwartz  
Inventor (Signature)

Steven J. Schwartz

Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 10th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Joshua W. Shenk  
Inventor (Signature)

Joshua W. Shenk  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 . Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, TN  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_

Andrew F. Skinner  
Inventor (Signature)

Andrew F. Skinner  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at  
this 18 day of DECEMBER, 2002.

Zanesville, Indiana

Outside the USA:  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

Witness

Witness

[Signature]  
Inventor (Signature)

James R. Stolpmann  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 18<sup>th</sup> day of December, 2002.

[Signature]  
Notary Public  
Beverly J. Lamping  
Printed Name

My Commission Expires: 12-12-07 Resident of Franklin County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE  
this 10 day of DEC, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness

Glenn C. Suttman  
Inventor (Signature)  
Glenn C. Suttman  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Pipecy ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 10<sup>th</sup> day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Pipecy County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD



IN WITNESS WHEREOF, I have executed this assignment at Batesville, INDIANA  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Irvin J. Vanderpohl III  
Inventor (Signature)

Irvin J. Vanderpohl III  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, IN  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when  
acknowledgment before a Notary  
Public is not feasible. \_\_\_\_\_  
Witness

Paul R. Weil  
Inventor (Signature)

Paul R. Weil  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10.28.2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE, INDIANA  
this 11 day of December 2002.

Outside the USA:

Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

Witness

Witness

Jeffrey R. Welling  
Inventor (Signature)

Jeffrey R. Welling  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11 day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10.28.2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, INDIANA  
this 11<sup>th</sup> day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Jack Wilker, Jr.  
Inventor (Signature)

Jack Wilker, Jr.  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10.28.2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at BATESVILLE IN.  
this 14 day of DEC., 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Robert M. Zerhusen  
Inventor (Signature)

Robert M. Zerhusen  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana  
COUNTY OF Ripley } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 14<sup>th</sup> day of December, 2002.

Beverly J. Lamping  
Notary Public  
Beverly J. Lamping  
Printed Name

My Commission Expires: 12-12-07 Resident of Franklin County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 11 day of Dec., 2002.

Outside the USA:

Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

Witness

Witness

Aziz Ali Bhai  
Inventor (Signature)

Aziz Ali Bhai  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial  
Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public

Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN.  
this 9 day of Dec, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Tom Riggs  
Inventor (Signature)

Tom Riggs  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Bipley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 9th day of December, 2002.

Angela S. Swinney  
Notary Public  
Angela S. Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Bipley County.

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD

IN WITNESS WHEREOF, I have executed this assignment at Batesville Indiana  
this 11 day of December, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Matthew R. Knue  
Inventor (Signature)

Matthew R. Knue  
Inventor (Printed Name)

#### ACKNOWLEDGMENT

STATE OF Indiana )  
COUNTY OF Ripley ) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 11 day of December, 2002.

Angela S Swinney  
Notary Public  
Angela S Swinney  
Printed Name

My Commission Expires: 10-28-2010 Resident of Ripley County.

432672\_1.DOC

This Copy Is Provided For  
37 CFR 3.73 (b)  
Purposes Only--DO NOT RECORD